

**Amendments to the Specification:**

Please amend the specification as follows:

On page 6, line 10, (or paragraph [0009], line 12) please delete the following sentence:

"This digital signal has a throughput of approximately 1.4 Mbps that may be as low as approximately 1.0 Mbps."

On page 6, line 11, please delete the number "34" at the end of the sentence so that this sentence will read: "After digital conversion, the digital signal may be processed by a digital low pass filter."

At para. 0010, line 6, please delete the number "64" at the end of the sentence so that this sentence will read: "The transmitted signal from transmit antenna 24 may be received by receiving antenna 52 and communicated to a wideband bandpass filter (BPF)."

At paragraph [0016], line 1, please replace the first sentence with the following:

--The channel decoder 66 may be a Viterbi decoder. A channel decoder 66 may be in communication with the bandpass filter. --

At paragraph [0010], line 6, please add the following sentences at the beginning of this paragraph: --A digital signal may be received at antenna receiving antenna 52 and communicated to, e.g., a wideband bandpass filter. The received spread spectrum signal may then be communicated to a 2.4 GHz direct conversion receiver 56. A frequency shift keying (FSK) modulation/detection technique could be used given a frequency hopping spread spectrum (FHSS) system choice. The direct conversion receiver 56 may provide a means to convert the received signal while using timing and synchronization to capture the correct bit sequence embedded in the received spread spectrum signal. --